637-8.

R. B. Colfax
Jan. 12, 09

Steam and Hot Water Radiators

MANUFACTURED BY

CENTRAL RADIATOR Co.

O. Peirce,
PHILADA. OFFICE, BUILDERS EXCHANGE
24 SO. SEVENTH ST.

Библиотека
Института
Языкознания

STEAM AND HOT WATER RADIATORS

July 1st
1906

TO SUPERSEDE ALL PREVIOUS LISTS

MANUFACTURED BY

116 Nassau St. New York

CENTRAL RADIATOR COMPANY

Lansdale Penna.

MAKING FIRE
IN OLDEN TIMES

Introductory

Quality——Efficiency

IN designing our various styles of radiation, it has been our aim to present to the trade a class and character of goods combining quality and excellence in style with efficiency, not only from a theoretical but from a practical standpoint.

The construction and contour of the loops in all our radiation is such that practically all of the exposed or heating surface area of the radiator is "prime heating surface" and "not extended," a feature which insures extreme possibilities as regards efficiency. This combined with the large, free and open air space circulating areas in and between the sections admits of a positively equal and free dissemination of the heat—the necessary and essential features requisite in perfect and efficient radiation.

The results of the experience of some of the foremost heating and ventilating engineers of the country in the use of our goods fully testify to all the claims which we make as above.

Central

Single Column—Plain

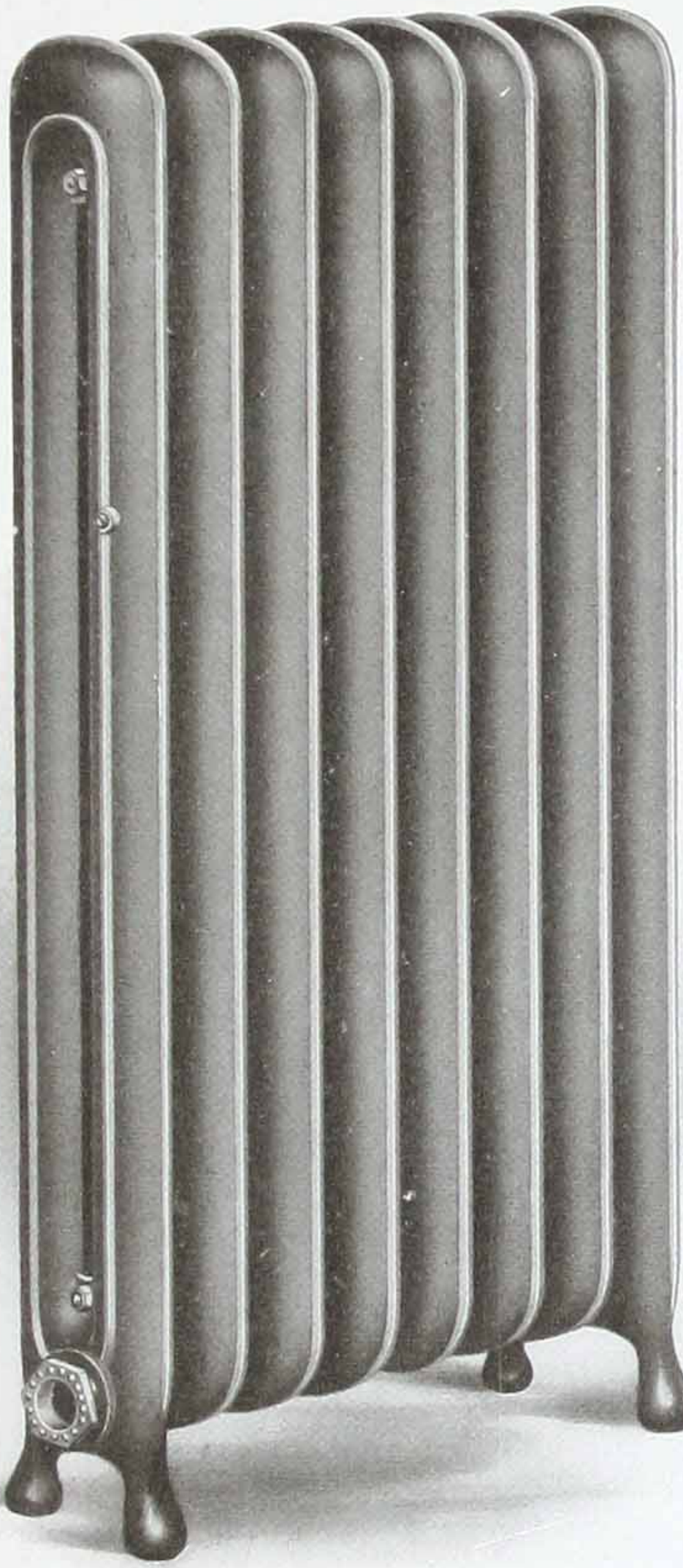
Radiators

Particularly adapted for hallways in private or public buildings where passage or floor space are considerations to be studied, as well as cleanliness and freedom from dust and dirt.

Central—Single Column—Plain

Radiators

For Steam or Hot Water



Width at top of Radiator, 5 inches. Width of Legs, 5½ inches

Made in 38, 32 and 26 inch heights

For Heating Areas, Etc., Note List on Page 27

Central

Single Column—Ornamented

Radiators

Particularly adapted for hallway, bathroom, lavatory or similar places where passage or floor space are considerations to be studied.

When decorated to harmonize with wainscoting, these radiators will add to the beauty of any room.

Central—Single Column—Ornamented

Radiators

For Steam or Hot Water

Width at top of Radiator, 5 inches. Width of Legs, 5½ inches

Made in 38, 32 and 26 inch heights

For Heating Areas, Etc., Note List on Page 27

Central

Two Column Narrow—Ornamented

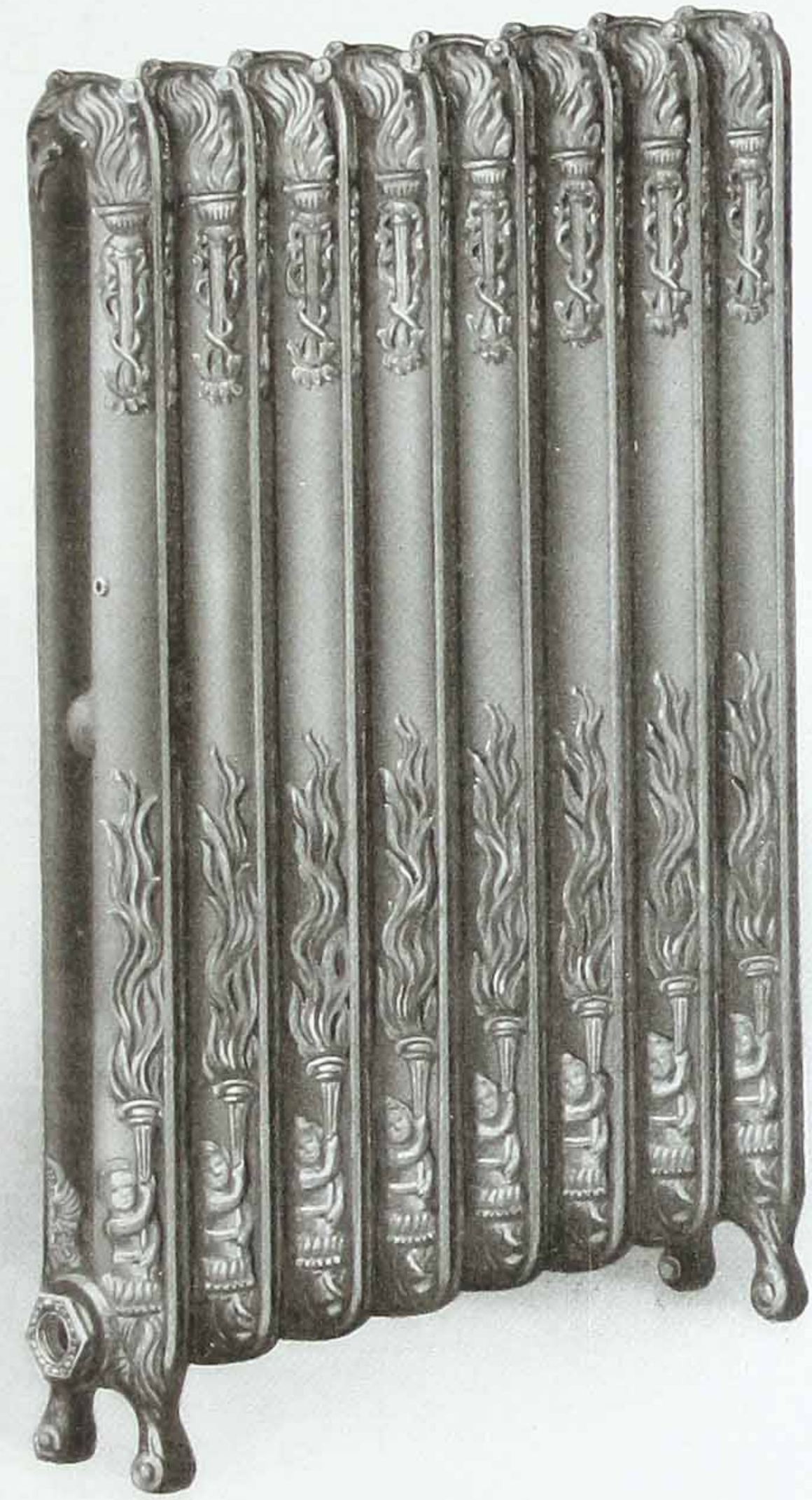
Radiators

Handsome in design—specially adapted for places where increased heating area in a limited floor space to be occupied is desired.

Central—Two Column Narrow—Ornamented

Radiators

For Steam or Hot Water



Width at top of Radiator, 5 inches. Width of Legs, 5½ inches

Made in 38, 32 and 26 inch heights

For Heating Areas, Etc., Note List on Page 28

Central

Two Column—Plain

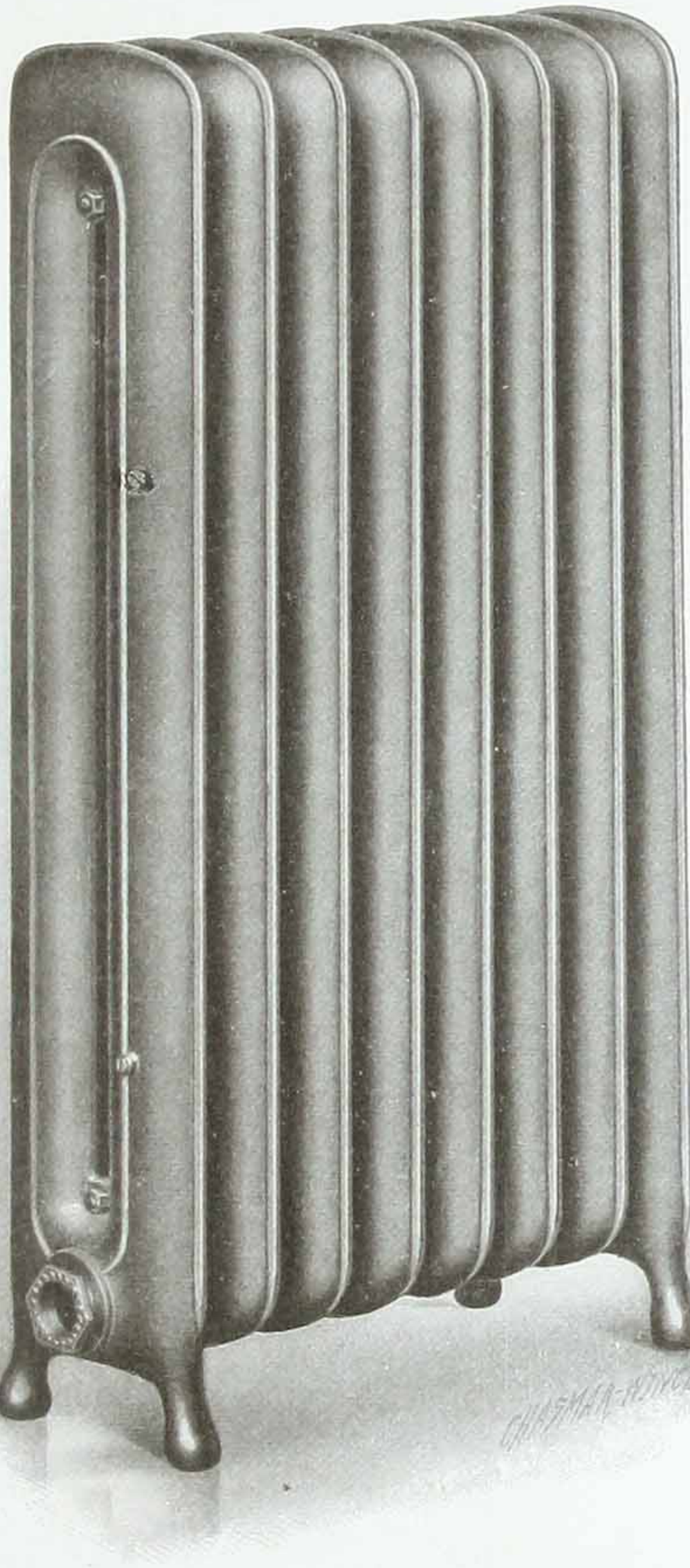
Radiators

Classic in style and design—particularly adapted for office and public buildings, auditoriums, etc.—where character and harmony in design are desired as well as cleanliness and freedom from dust and dirt and where hygienic conditions are aimed at.

Central—Two Column—Plain

Radiators

For Steam or Hot Water



Width at top of Radiator, 7¾ inches. Width of Legs, 8¼ inches

Made in 44, 38, 32, 26, 22, 20 and 18 inch heights

For Heating Areas, Etc., Note List on Page 29

Central

Two Column—Ornamented

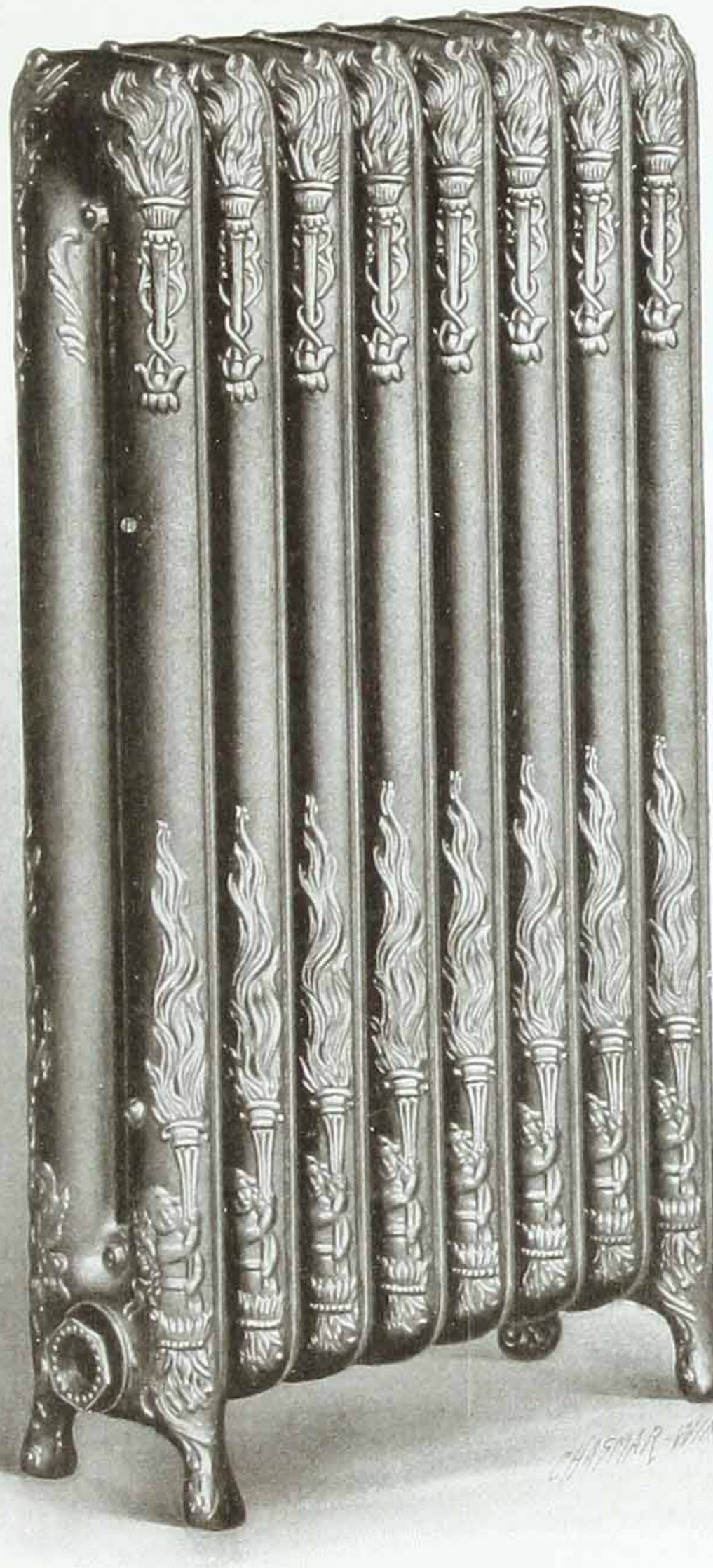
Radiators

Artistic in design—especially adapted for small apartment usage—where occupied space, owing to contracted rooms and consequently limited requirements, are the considerations to be studied.

Central—Two Column—Ornamented

Radiators

For Steam or Hot Water



Width at top of Radiator, 7¾ inches. Width of Legs, 8¼ inches

Made in 44, 38, 32, 26, 22, 20 and 18 inch heights

For Heating Areas, Etc., Note List on Page 29

Central

Three Column—Plain

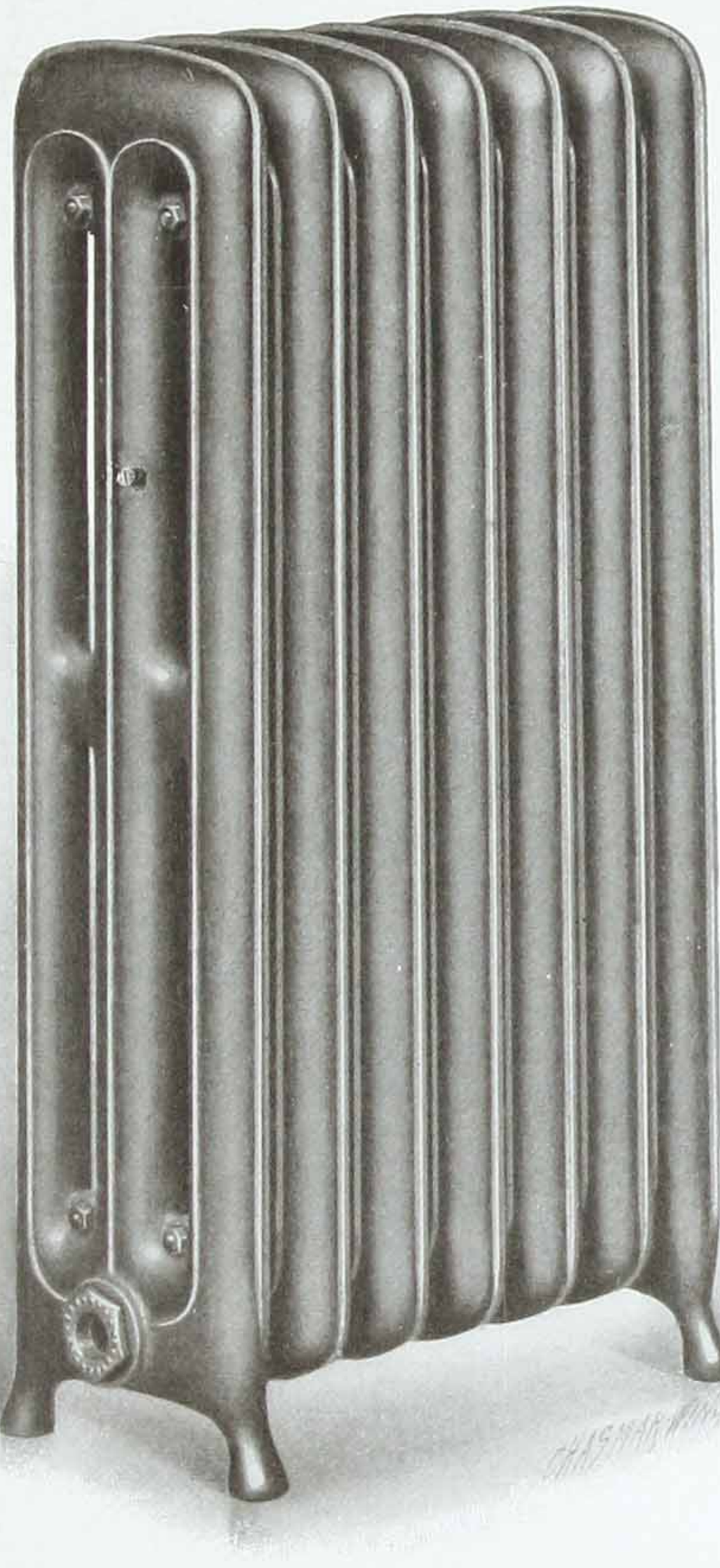
Radiators

Rich and artistic—designed to satisfy the taste of the most fastidious—combining plain richness and elegance—character and cleanliness—a modern type, where health and beauty are considerations.

Central—Three Column—Plain

Radiators

For Steam or Hot Water



Width at top of Radiator, 9¼ inches. Width of Legs, 10¼ inches

Made in 44, 38, 32, 26, 22, 20 and 18 inch heights

For Heating Areas, Etc., Note List on Page 30

Central

Three Column—Ornamented

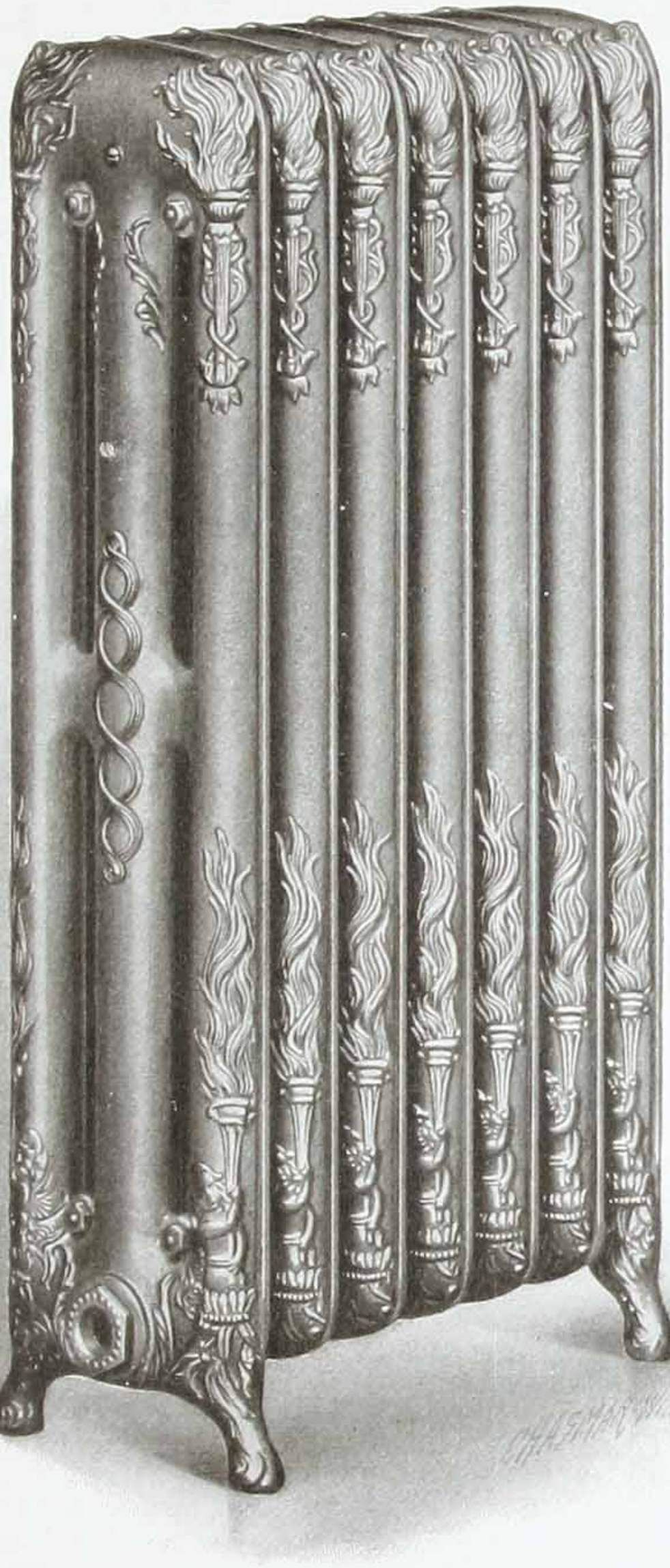
Radiators

Handsome and efficient—the pinnacle of perfection—particularly designed for general and high class usage. In the mansion or cottage its attractive design will prove an ornament—thoroughly efficient in its construction, it assures comfort in any home or place wherein installed.

Central—Three Column—Ornamented

Radiators

For Steam or Hot Water



Width at top of Radiator, 9¼ inches. Width of Legs, 10¼ inches

Made in 44, 38, 32, 26, 22, 20 and 18 inch heights

For Heating Areas, Etc., Note List on Page 30

Central

Four Column—Plain

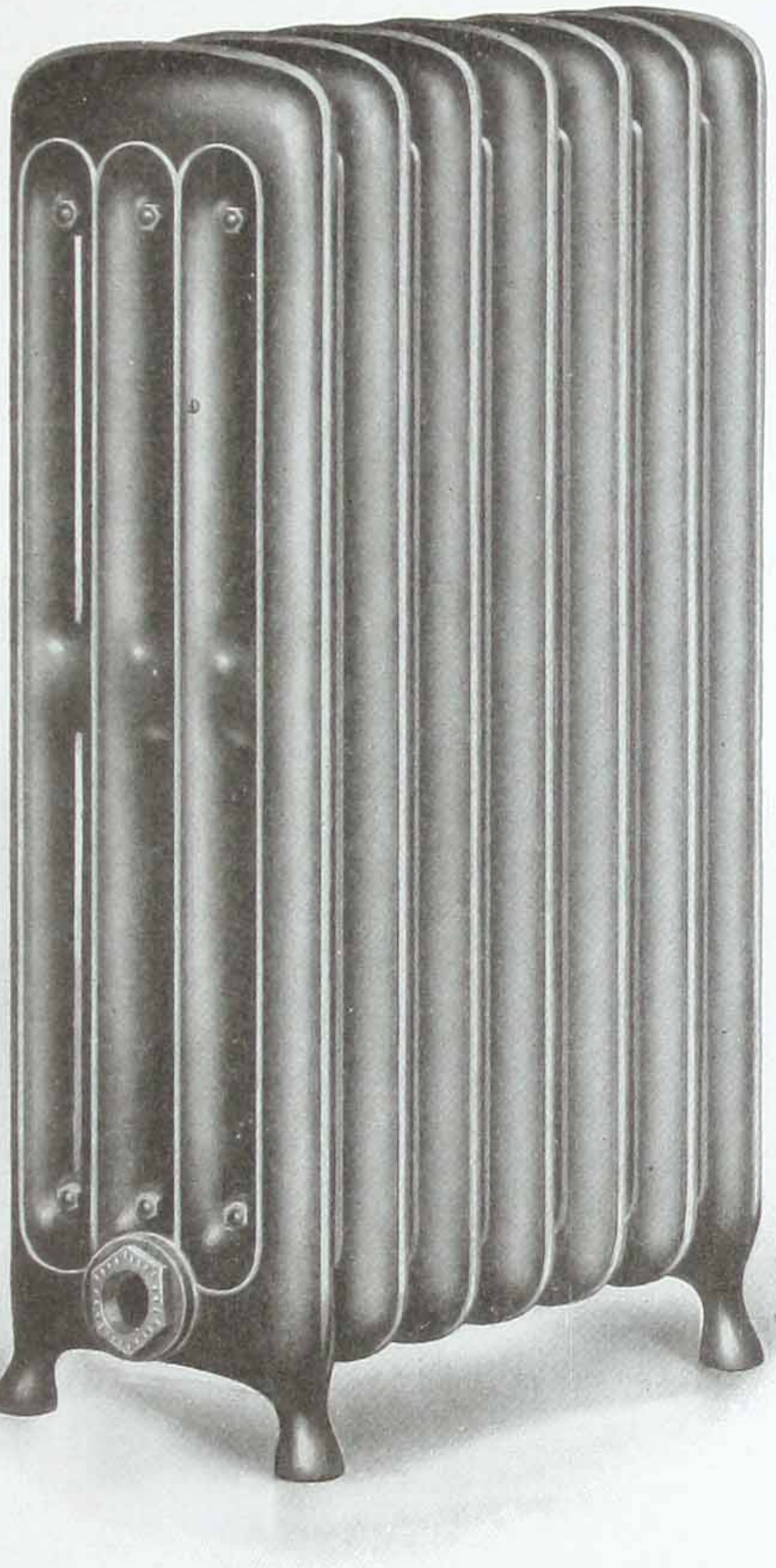
Radiators

A fitting companion to our One, Two and Three Column Plain Radiators—where large heating surface areas are required.

Central—Four Column—Plain

Radiators

For Steam or Hot Water



Width at top of Radiator, 12 inches. Width of Legs, 12⅝ inches

Made in 44, 38, 32, 26, 22, 20 and 18 inch heights

For Heating Areas, Etc., Note List on Page 31

Central

Four Column—Ornamented

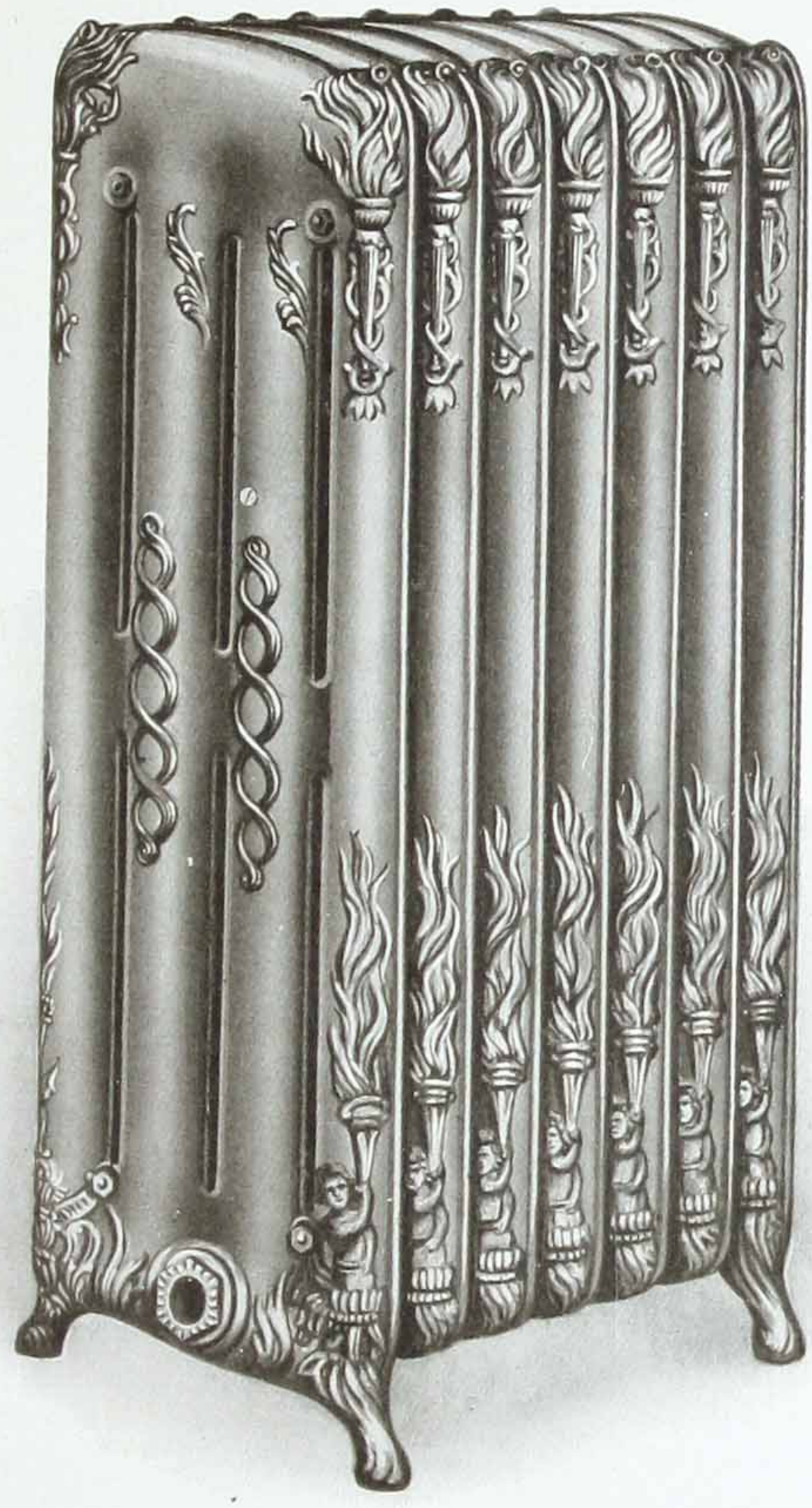
Radiators

Combining all the necessary and essential features—are especially adapted where large heating areas in a limited space are considerations.

Central—Four Column—Ornamented

Radiators

For Steam or Hot Water



Width at top of Radiator, 12 inches. Width of Legs, 12⅝ inches

Made in 44, 38, 32, 26, 22, 20 and 18 inch heights

For Heating Areas, Etc., Note List on Page 31

Central Wall Radiator

(Story's Patent)

In designing our Wall Radiator it was our object and aim to present to the trade a radiator adaptable for use in difficult places, and which would supplant the unsightly pipe coil or box coil effect usual where this character of apparatus is installed, and which could be utilized for hallway, bathroom, lavatory, auditoriums, public buildings or similar places, where both passage and floor space was a consideration to be studied, and also to supply an article having superiority in heating qualities and efficiency. It is handsome and attractive in design and thoroughly efficient as a heat dispeller, having large, free and open air space areas in and between the sections.

As the list indicates, each section is made of the same width, but of various heights to meet the requirements in all ordinary cases; the sections being connected together with right and left nipples, as shown in Figure 2, any number of sections can be placed together to make a radiator of any desired length, or to fit in any special place, as desired. There are projecting lugs on the inside of the right and left nipples used, so that sections can be put together by the special wrench which we furnish for the purpose, or by using a 1⅛ inch bar of iron flattened at one end, and turning same with a wrench, either of which can be inserted through the radiator so as to screw or unscrew the joints, as desired.

We assemble and ship complete all radiators up to seven loops in length. Where radiators are desired in extremely long lengths we can provide a right and left threaded nipple having a shoulder at the center, which will easily enable the fitter to connect the stacks or rows on the job, precluding the necessity of his assembling each section separately. They can be used for either single or double pipe steam work or for hot water, as desired. They can also be erected in series of rows, where desired, by means of connections at either or both ends which the fitter can easily make by means of elbows and right and left nipples.

Central
Wall Radiator

(Story's Patent)

Figure 1. Illustrating a single section.

Figure 2. Illustrating two sections joined together and which can be increased to any desired number of sections.

For Sizes, Etc., Note List on Page 25

Wall Radiator Brackets

No. 1
Foot Bracket

No. 3. Wall or
Concealed
Bottom Bracket

No. 4. Wall or
Concealed
Top Bracket

No. 2
Surbase Bracket

Our brackets are made of wrought iron of the styles as illustrated, so that the steamfitter can utilize them in all ordinary cases, or, when desired, he can easily form them to meet any special requirements with a few blows of the hammer. Special brackets made to any particular design on receipt of sketch.

Brackets

No. 1.	Foot bracket, height to rest, 8 inches .	15 cents
No. 2.	Surbase bracket, height to rest, 10¼ inches	15 cents
No. 3.	Bottom wall or concealed bracket . .	10 cents
No. 4.	Top wall or concealed bracket . .	10 cents

Foot or surbase brackets furnished any height desired, and priced accordingly. When ordering give height radiator is desired to rest from floor.

Special T handle wrenches for assembling, $1.25 each

Central Wall Radiator

(Story's Patent)

List of Sizes and Dimensions

Number	Width	Height	Heating Surface	Price
	Inches	Inches	Feet	Per Foot
1	15	15	6	$0.42
2	15	18	7	.42
4	15	24	9	.42

Width of radiator 3¼ inches, with an additional allowance of ½ inch for projection of brackets.

In estimating the length of radiator where tappings are smaller than 1½ inches, allow ½ inch each end for the bushings.

These radiators are tapped 1½ inches, right hand standard threads on the side outlets at both top and bottom at each end, and we plug and bush same with ornamental bushings, which are interchangeable, admitting of any desired connections for the supply and return pipes either in a steam or hot water heating system.

Left hand thread tappings furnished as desired.

When Ordering Please Supply the Following Information

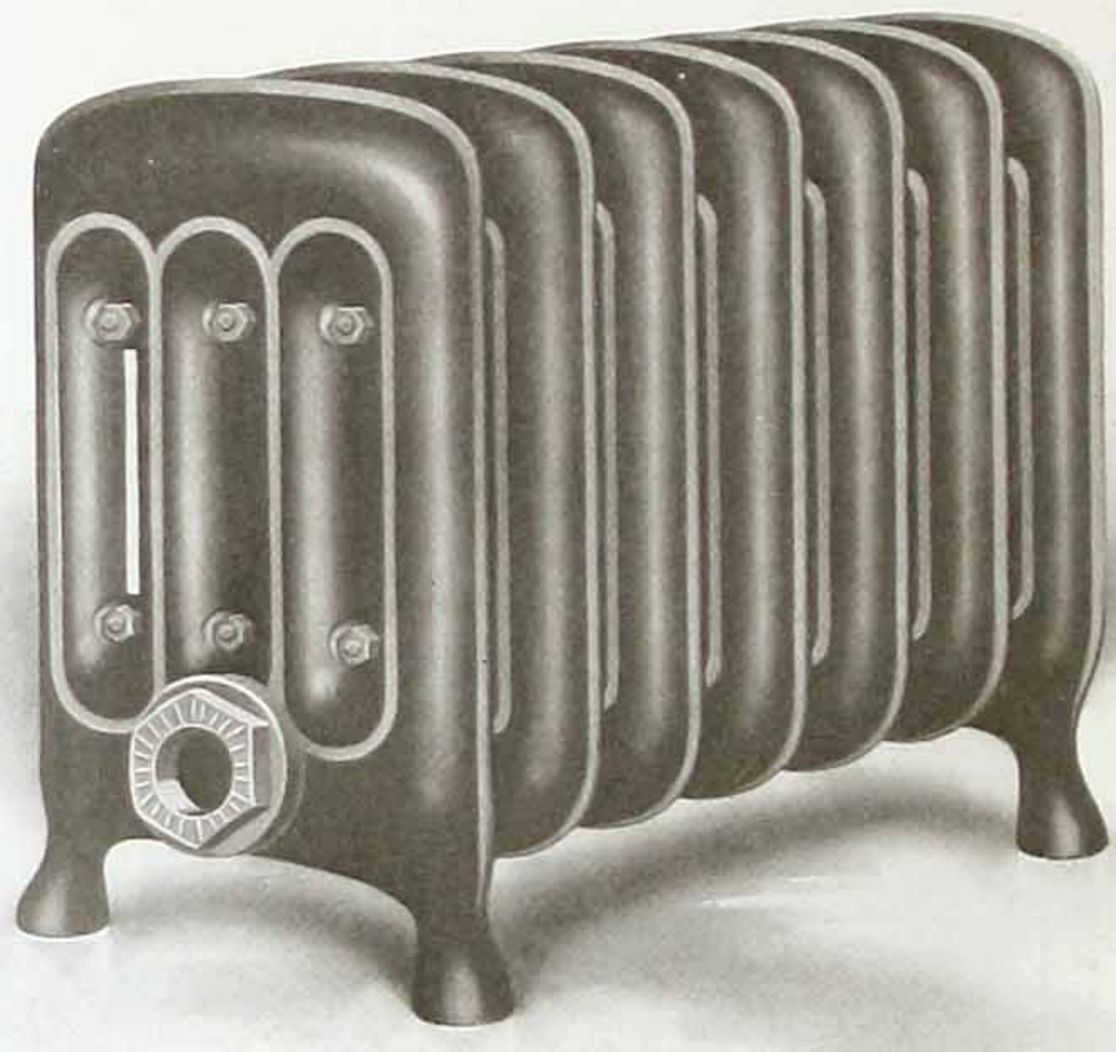
Give number of sections and the height of same desired in each radiator.
State whether for steam one pipe or two pipe, or hot water heating.
State number and style of brackets desired, and if special brackets furnish sketch.

For List of Tappings see Page 32

Central—Window Seat—Plain

Radiators

For Steam or Hot Water



Width at top of Radiator, 12 inches. Width of Legs, 12 inches

Made only in 14 inch height.

Each section occupies 2½ inches in length of radiator when made up.

Each section contains 3½ square feet of heating surface area.

Distance from floor level to center of tappings, 3 inches.

Price per foot, 64 cents.

For List of Tappings see Page 32

List of Sizes and Dimensions

Single Column—Ornamented or Plain

Radiators

For Direct Steam or Hot Water

No. of Loops or Sections	Length 2½ Inches Per Sec.	HEATING SURFACE—SQUARE FEET		
		38 Inches High 3 Sq. Ft. Per Sec.	32 Inches High 2½ Sq. Ft. Per Sec.	26 Inches High 2 Sq. Ft. Per Sec.
	Inches	Sq. Ft.	Sq. Ft.	Sq. Ft.
2	5	6	5	4
3	7½	9	7½	6
4	10	12	10	8
5	12½	15	12½	10
6	15	18	15	12
7	17½	21	17½	14
8	20	24	20	16
9	22½	27	22½	18
10	25	30	25	20
11	27½	33	27½	22
12	30	36	30	24
13	32½	39	32½	26
14	35	42	35	28
15	37½	45	37½	30
16	40	48	40	32
17	42½	51	42½	34
18	45	54	45	36
19	47½	57	47½	38
20	50	60	50	40
21	52½	63	52½	42
22	55	66	55	44
23	57½	69	57½	46
24	60	72	60	48
25	62½	75	62½	50
Price per foot		$0.42	$0.46	$0.50

Larger radiators furnished any length desired.

Price on curved, round, or corner radiators furnished on application.

In estimating the length of radiator where tappings are smaller than 1½ inches allow ½ inch for the bushing.

Distance from floor to center of tapping in single connection radiator, 4 inches.
Distance from wall to center of tapping in single connection radiator, 2¾ in.
Distance from floor to center of tapping in twin connection radiators, 4 inches.
Distance from wall to center of tapping in twin connection radiators, 1¾ in.
Distance from center to center of twin connection tappings, 2 inches.

For List of Tappings see Page 32

List of Sizes and Dimensions

Two Column Narrow—Ornamented

Radiators

For Direct Steam or Hot Water

No. of Loops or Sections	Length 3½ Inches Per Sec.	HEATING SURFACE—SQUARE FEET		
		38 Inches High 4 Sq. Ft. Per Sec.	32 Inches High 3⅓ Sq. Ft. Per Sec.	26 Inches High 2⅔ Sq. Ft. Per Sec.
	Inches	Sq. Ft.	Sq. Ft.	Sq. Ft.
2	7	8	6⅔	5⅓
3	10½	12	10	8
4	14	16	13⅓	10⅔
5	17½	20	16⅔	13⅓
6	21	24	20	16
7	24½	28	23⅓	18⅔
8	28	32	26⅔	21⅓
9	31½	36	30	24
10	35	40	33⅓	26⅔
11	38½	44	36⅔	29⅓
12	42	48	40	32
13	45½	52	43⅓	34⅔
14	49	56	46⅔	37⅓
15	52½	60	50	40
16	56	64	53⅓	42⅔
17	59½	68	56⅔	45⅓
18	63	72	60	48
19	66½	76	63⅓	50⅔
20	70	80	66⅔	53⅓
21	73½	84	70	56
22	77	88	73⅓	58⅔
23	80½	92	76⅔	61⅓
24	84	96	80	64
25	87½	100	83⅓	66⅔
Price per foot		$0.42	$0.46	$0.50

Larger radiators furnished any length desired.

Price on curved, round, or corner radiators furnished on application.

In estimating the length of radiator where tappings are smaller than 1½ inches allow ½ inch for the bushing.

Distance from floor to center of tapping in single connection radiator, 4 inches.

Distance from wall to center of tapping in single connection radiator, 2¾ in.

Distance from floor to center of tapping in twin connection radiators, 4 inches.

Distance from wall to center of tapping in twin connection radiators, 1¾ in.

Distance from center to center of twin connection tappings, 2 inches.

For List of Tappings see Page 32

List of Sizes and Dimensions

Two Column—Ornamented or Plain

Radiators

For Direct Steam or Hot Water

No. of Loops or Sections	Length 2½ Inches Per Sec.	HEATING SURFACE—SQUARE FEET						
		44 Inches High 5 Sq. Ft. Per Sec.	38 Inches High 4 Sq. Ft. Per Sec.	32 Inches High 3⅓ Sq. Ft. Per Sec.	26 Inches High 2⅔ Sq. Ft. Per Sec.	22 Inches High 2⅓ Sq. Ft. Per Sec.	20 Inches High 2 Sq. Ft. Per Sec.	18 Inches High 1¾ Sq. Ft. Per Sec.
	Inches	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.
2	5	10	8	6⅔	5⅓	4⅔	4	3½
3	7½	15	12	10	8	7	6	5¼
4	10	20	16	13⅓	10⅔	9⅓	8	7
5	12½	25	20	16⅔	13⅓	11⅔	10	8¾
6	15	30	24	20	16	14	12	10½
7	17½	35	28	23⅓	18⅔	16⅓	14	12¼
8	20	40	32	26⅔	21⅓	18⅔	16	14
9	22½	45	36	30	24	21	18	15¾
10	25	50	40	33⅓	26⅔	23⅓	20	17½
11	27½	55	44	36⅔	29⅓	25⅔	22	19¼
12	30	60	48	40	32	28	24	21
13	32½	65	52	43⅓	34⅔	30⅓	26	22¾
14	35	70	56	46⅔	37⅓	32⅔	28	24½
15	37½	75	60	50	40	35	30	26¼
16	40	80	64	53⅓	42⅔	37⅓	32	28
17	42½	85	68	56⅔	45⅓	39⅔	34	29¾
18	45	90	72	60	48	42	36	31½
19	47½	95	76	63⅓	50⅔	44⅓	38	33¼
20	50	100	80	66⅔	53⅓	46⅔	40	35
21	52½	105	84	70	56	49	42	36¾
22	55	110	88	73⅓	58⅔	51⅓	44	38½
23	57½	115	92	76⅔	61⅓	53⅔	46	40¼
24	60	120	96	80	64	56	48	42
25	62½	125	100	83⅓	66⅔	58⅓	50	43¾
Price per foot		$0.41	$0.42	$0.46	$0.50	$0.53	$0.57	$0.58

Larger radiators furnished any length desired.

Prices on curved, round, or corner radiators furnished on application.

In estimating the length of radiator where tappings are smaller than 1½ inches allow ½ inch for the bushing.

Distance from floor to center of tapping in single connection radiator, 4 inches.

Distance from wall to center of tapping in single connection radiator, 4⅛ in.

Distance from floor to center of tapping in twin connection radiators, 4 inches.

Distance from wall to center of tapping in twin connection radiators, 2¼ in.

Distance from center to center of twin connection tappings, 3¾ inches.

For List of Tappings see Page 32

List of Sizes and Dimensions

Three Column—Ornamented or Plain

Radiators

For Direct Steam or Hot Water

No. of Loops or Sections	Length 2½ Inches Per Sec.	HEATING SURFACE—SQUARE FEET						
		44 Inches High 7 Sq. Ft. Per Sec.	38 Inches High 6 Sq. Ft. Per Sec.	32 Inches High 5 Sq. Ft. Per Sec.	26 Inches High 4 Sq. Ft. Per Sec.	22 Inches High 3½ Sq. Ft. Per Sec.	20 Inches High 3¼ Sq. Ft. Per Sec.	18 Inches High 3 Sq. Ft. Per Sec.
	Inches	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.
2	5	14	12	10	8	7	6½	6
3	7½	21	18	15	12	10½	9¾	9
4	10	28	24	20	16	14	13	12
5	12½	35	30	25	20	17½	16¼	15
6	15	42	36	30	24	21	19½	18
7	17½	49	42	35	28	24½	22¾	21
8	20	56	48	40	32	28	26	24
9	22½	63	54	45	36	31½	29¼	27
10	25	70	60	50	40	35	32½	30
11	27½	77	66	55	44	38½	35¾	33
12	30	84	72	60	48	42	39	36
13	32½	91	78	65	52	45½	42¼	39
14	35	98	84	70	56	49	45½	42
15	37½	105	90	75	60	52½	48¾	45
16	40	112	96	80	64	56	52	48
17	42½	119	102	85	68	59½	55¼	51
18	45	126	108	90	72	63	58½	54
19	47½	133	114	95	76	66½	61¾	57
20	50	140	120	100	80	70	65	60
21	52½	147	126	105	84	73½	68¼	63
22	55	154	132	110	88	77	71½	66
23	57½	161	138	115	92	80½	74¾	69
24	60	168	144	120	96	84	78	72
25	62½	175	150	125	100	87½	81¼	75
Price per foot		$0.41	$0.42	$0.46	$0.50	$0.53	$0.57	$0.58

Larger radiators furnished any length desired.

Prices on curved, round, or corner radiators furnished on application.

In estimating the length of radiator where tappings are smaller than 1½ inches allow ½ inch for the bushing.

Distance from floor to center of tapping in single connection radiator, 4 in.

Distance from wall to center of tapping in single connection radiator, 5⅛ in.

Distance from floor to center of tapping in twin connection radiators, 3¾ in.

Distance from wall to center of tapping in twin connection radiators, 3¼ in.

Distance from center to center of twin connection tappings, 3⅞ inches.

For List of Tappings see Page 32

List of Sizes and Dimensions

Four Column—Ornamented or Plain

Radiators

For Direct Steam or Hot Water

No. of Loops or Sections	Length 2½ Inches Per Sec.	HEATING SURFACE—SQUARE FEET						
		44 Inches High 9 Sq. Ft Per Sec.	38 Inches High 8 Sq. Ft. Per Sec.	32 Inches High 6⅔ Sq. Ft. Per Sec.	26 Inches High 5⅓ Sq. Ft. Per Sec.	22 Inches High 4⅔ Sq. Ft. Per Sec.	20 Inches High 4 Sq. Ft. Per Sec.	18 Inches High 3⅓ Sq. Ft. Per Sec.
	Inches	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.	Sq. Ft.
2	5	18	16	13⅓	10⅔	9⅓	8	6⅔
3	7½	27	24	20	16	14	12	10
4	10	36	32	26⅔	21⅓	18⅔	16	13⅓
5	12½	45	40	33⅓	26⅔	23⅓	20	16⅔
6	15	54	48	40	32	28	24	20
7	17½	63	56	46⅔	37⅓	32⅔	28	23⅓
8	20	72	64	53⅓	42⅔	37⅓	32	26⅔
9	22½	81	72	60	48	42	36	30
10	25	90	80	66⅔	53⅓	46⅔	40	33⅓
11	27½	99	88	73⅓	58⅔	51⅓	44	36⅔
12	30	108	96	80	64	56	48	40
13	32½	117	104	86⅔	69⅓	60⅔	52	43⅓
14	35	126	112	93⅓	74⅔	65⅓	56	46⅔
15	37½	135	120	100	80	70	60	50
16	40	144	128	106⅔	85⅓	74⅔	64	53⅓
17	42½	153	136	113⅓	90⅔	79⅓	68	56⅔
18	45	162	144	120	96	84	72	60
19	47½	171	152	126⅔	101⅓	88⅔	76	63⅓
20	50	180	160	133⅓	106⅔	93⅓	80	66⅔
21	52½	189	168	140	112	98	84	70
22	55	198	176	146⅔	117⅓	102⅔	88	73⅓
23	57½	207	184	153⅓	122⅔	107⅓	92	76⅔
24	60	216	192	160	128	112	96	80
25	62½	225	200	166⅔	133⅓	116⅔	100	83⅓
Price per foot		$0.41	$0.42	$0.46	$0.50	$0.53	$0.57	$0.58

Larger radiators furnished any length desired.

Prices on curved, round, or corner radiators furnished on application.

In estimating the length of radiator where tappings are smaller than 1½ inches allow ½ inch for the bushing.

Distance from floor to center of tapping in single connection radiator, 4 in.

Distance from wall to center of tapping in single connection radiator, 6¼ in.

Distance from floor to center of tapping in twin connection radiators, 4 in.

Distance from wall to center of tapping in twin connection radiators, 5¾ in.

Distance from center to center of twin connection tappings, 3⅞ inches.

For List of Tappings see Page 32

List of Regular Tappings

Unless otherwise specified all radiators will be tapped or bushed as follows:

One-Pipe Steam

24 square feet and under	1 inch
Above 24, but not exceeding 60 feet	1¼ inch
Above 60, but not exceeding 100 feet	1½ inch
Above 100 square feet	2 inch

Two-Pipe Steam

48 square feet and under	1 x ¾ inch
Above 48, but not exceeding 96 feet	1¼ x 1 inch
Above 96 square feet	1½ x 1¼ inch

Hot Water for Both Supply and Return

40 square feet and under	1 inch
Above 40, but not exceeding 72 feet	1¼ inch
Above 72 square feet	1½ inch

All radiators will have right-hand thread tappings, unless otherwise ordered. Left-hand thread tappings furnished as desired.

Special Tappings Furnished as Desired

Twin Connection or One End Tappings Furnished as Desired

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